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PATENT & TRADEMARK OFFICE

UTILITY PATENT APPLICATION TRANSMITTAL

Address to: Mail Stop PATENT APPLICATION Commissioner for Patents U.S. Patent & Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	Attorney Docket No.	ERIM 0117 PUS
	Inventor(s) or Appln. Identifier	Walter G. Carrara, Rondal S. Goodman and Mark A. Ricoy

16591 US-PTO
10/615687
07/09/03

1. This application entitled Method and System for Providing Along-Track Alignment and Formatting of Synthetic Aperture Radar (SAR) Data, and SAR Image Formation Algorithms Using Such Method and System is:
- a. ☒ A new application under 37 C.F.R. § 1.53(b).
- b. ☐ A ☐ continuation ☐ divisional or ☐ continuation-in-part application under 37 C.F.R. § 1.53(b) of prior application Serial No. / filed on , entitled .
- c. ☐ A new utility application which claims the benefit of provisional application Serial No. , filed on .

Application elements and other attached papers:

2. ☒ Specification (including Claims and Abstract) [Total Pages 30]
3. ☒ Drawings (☐ informal / ☒ formal) [Total Sheets 15]
4. ☒ Oath or Declaration
- a. ☒ Newly-executed
- b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))
5. ☐ Incorporation By Reference: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Item 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. ☐ This application is filed by fewer than all the inventors named in the prior application, 37 C.F.R. § 1.53(d)(4).
- a. ☐ **DELETE** the following inventor(s) named in the prior nonprovisional application:
- b. ☐ The inventor(s) to be deleted are set forth on a separate sheet attached hereto.

CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that this UTILITY PATENT APPLICATION TRANSMITTAL and the documents referred to as attached therein are being deposited on the below date with the United States Postal Service in an envelope as "Express Mail Post Office to Addressee" addressed to: Mail Stop Patent Application, Commissioner for Patents, U.S. Patent & Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450 on:

Express
Mail Label No. EV 185598182 US

Date of Deposit: July 9, 2003

Sherry Kelly
(Type or print name of person mailing paper)
Sherry Kelly
(Signature of person mailing paper)

7. Preliminary Amendment:

- a. ☐ A Preliminary Amendment Under 37 C.F.R. § 1.115 is attached.
- b. ☐ Cancel in this application original claims _____ of the prior application before calculating the filing fee.
- c. ☐ Please amend the specification by inserting before the first line the following sentence:
 "This is a _____ continuation _____ divisional of copending
 application(s) serial number _____ / _____ filed on _____."
- d. ☐ A Petition to Suspend Prosecution For The Time Necessary to File An Amendment (New Application Filed Concurrently) is attached.

8. Small entity status:

- a. ☐ Applicant claims small entity status.
- b. ☐ Small entity status was claimed in the prior nonprovisional application and such status is still proper and desired.
- c. ☐ Is no longer desired.

9. Fee Calculation:

FOR	NUMBER FILED	NUMBER EXTRA	RATE	CALCULATIONS
TOTAL CLAIMS (37 C.F.R. § 1.16(c))	21 -20 =	1	x 18.00	18.00
INDEPENDENT CLAIMS (37 C.F.R. § 1.16(b))	2 -3 =		x 84.00	
MULTIPLE DEPENDENT CLAIMS (if applicable) (37 C.F.R. §1.16(d))			280.00	
BASIC FEE (37 C.F.R. § 1.16(a))				750.00
TOTAL OF ABOVE CALCULATIONS				768.00
REDUCTION BY 50% FOR FILING BY SMALL ENTITY (NOTE 37 C.F.R. §§ 1.9, 1.27, 1.28)				
\$40.00 ASSIGNMENT RECORDAL FEE (if applicable)				40.00
TOTAL				808.00

10. ☒ A check in the amount of \$ 808.00 is enclosed.
11. ☒ The Commissioner is hereby authorized to credit overpayments or charge the following fees (or any deficiency therein) to Deposit Account No. 02-3978 :
- a. ☒ Fees required under 37 C.F.R. § 1.16.
- b. ☒ Fees required under 37 C.F.R. § 1.17.
12. Maintenance of Copendency of Prior Application

☐ A request for extension of time and the appropriate fee have been filed in the pending prior application (or are being filed in the prior application concurrently herewith) to extend the period for response until _____.

13. ☒ An Information Disclosure Statement (IDS) is attached, along with the following indicated attachments thereto:

a. ☒ Form PTO/SB/08A & PTO/SB/08B (2 sheet(s))

b. ☒ Copies of references cited

14. ☐ Certified copy of priority document(s)

15. ☐ Nonpublication Request Under 37 C.F.R. § 1.213(a)

16. ☐ Request for Early Publication Under 37 C.F.R. § 1.219

17. ☒ Return Receipt Postcard

18. ☐ Other: _____

19. ☒ An Assignment of the invention to Veridian Systems
having an address of 3300 Plymouth Road, Ann Arbor, MI 48105

a. ☒ is attached.

b. ☐ was recorded on _____ at Reel _____, Frame _____.

c. ☒ Applicant requests that the above assignee information be published with the application.

20. The power of attorney in the prior application is to:

Name of Attorney of Record Reg. No.

☐ The power appears in the original papers in the prior application.

☐ The power does not appear in the original papers, but was filed on _____.

☒ A new power has been executed and is attached.

21. Correspondence Address: Please address all future communications to:



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PATENT & TRADEMARK OFFICE

Telephone: 248-358-4400; Fax: 248-358-3351

Respectfully submitted,

WALTER G. CARRARA, ET AL.

Date July 9, 2003

Name: James N. Kallis
Registration No.: 41,102

☒ Attorney or agent of record
☐ Filed under Rule 34(a)